

U.S. DEPARTMENT OF COMMERCE

National Telecommunications and Information Administration

FY 2003 Budget as Presented to Congress



February 2002

**Department of Commerce
National Telecommunications and Information Administration
Spectrum Management
Salaries and Expenses**

**FY 2003 Budget Initiative
National and International Spectrum Management Reform**

Appropriation:	+\$.285 million	Permanent Pos. + 1	FTEs: + 1
Reimbursable:	+\$1.14 million	Permanent Pos. + 4	FTEs: + 3

Overhaul and rebuild the international and domestic radio frequency spectrum management processes to be more responsive, effective, and efficient in:

1. making the use of spectrum by the Federal government and the private sector more efficient,
2. implementing of new technologies,
3. satisfying critical public safety radiocommunication needs,
4. increasing national and international economic growth,
5. eliminating restrictive and unnecessary regulation, and
6. authorizing or licensing frequency spectrum.

The restructured processes will encourage the marketplace to play a larger role in the distribution of the spectrum to satisfy public needs. Further, it will support the increases in spectrum management activity resulting from the increased technical complexity of radio communication issues, a condition which is inherent in the increased sharing of the spectrum in times of scarcity, by bolstering the flagging capabilities of the current systems.

ENVISIONED PHASES, DESCRIPTION and OUTPUTS:

Phase 1 - The Review: Review the management processes that are currently being used to allocate and distribute the frequency spectrum including those used by Federal agencies, the NTIA, the Federal Communications Commission (FCC), and the International Telecommunications Union (ITU). The review would be carried out under the leadership of NTIA by funding an independent entity such as the National Academy of Sciences to perform the necessary studies. The studies would describe the current processes, and delineate the areas where: (1) there may be duplications, (2) there could be improvements in the effectiveness and efficiency in the processes, (3) there could be consolidations and (4) adjustments would be necessary in the basic laws and regulations to eliminate duplications, perform consolidations, or make improvements. The schedule of events for this phase are shown below.

Phase 2 - The Plan: Consider and implement the appropriate recommendations based on the studies described above. The studies would be reviewed by DOC, NTIA, the Federal agencies, the FCC, and the State Department and other Federal agencies as required. Based on this review, NTIA on behalf of the Secretary of Commerce would prepare a Plan outlining the tasks, the time-line and funding resources needed to carry out the Plan to improve the spectrum management processes. The Plan along with any required changes to existing authority to implement the Plan would be briefed to the major Congressional committees as required. The schedule of activities for this phase are shown in the schedule below.

Phase 3 - Plan Implementation: Carry out the Plan. The Plan could include reorganizations, consolidations, and improvements. There will probably be a need to automate the various processes as much as possible. This will require development and implementation of software, network distribution mechanisms, and other information technology systems. In addition, the United States via the State Department in coordination with the FCC and NTIA may be required to seek changes in the various international Fora. This description of this phase will be more fully defined as the Plan evolves. The resources to implement this phase will have to be more fully refined and requested in succeeding fiscal years.

Performance Measures:

A statement of work is completed and contractor is selected to perform Spectrum Management Reform Studies. This measure supports the Department's Annual Performance Plan Goal: Ensure allocation of radio spectrum, a scarce resource essential to all communications, provides the greatest benefit to all people.

NTIA Spectrum Management Reform -- Tasks and Schedule

(The initiative would begin on October 1, 2002)

Phase	Task	Period (Months)	Completion Date
1. Review	1. NTIA forms the Federal government Team. The Team prepares a request for proposal (RFP) for accomplishment of the independent spectrum management process review.	6	Mar 30, 2003
	2. Team selects contractor to perform the necessary studies.	3	Jun 30, 2003
	3. Contractor collects the necessary information on the spectrum management processes from the agencies through appropriate members of the Team and provides an interim report.	6	Dec 30, 2003
	4. The Team reviews the report and provides feedback to the Contractor	3	Mar 30, 2004
	5. Contractor provides a preliminary report which reflects the feedback and also contains preliminary recommendations.	6	Sep 30, 2004
	6. The Team reviews the preliminary report and provides feedback to the Contractor.	3	Dec 30, 2004
	7. Contractor provides the final report which reflects the Team feedback.	6	Jun 30, 2005
2. Plan	8. Federal government team reviews the final report & provides preliminary recommendations as to reorganizations, consolidations, process improvements, etc., for approval in principle by the Federal agencies.	3	Sep 30, 2005
	9. Based on the approvals in step 8, prepare a plan to implement the recommendations over the next 3 year period and obtain Federal government approval (plan would also contain the necessary tasks that would have to be accomplished to change the law where required).	4	Jan 30, 2006
3. Implementation	10. Carry out the tasks in the Plan.	36 - 60	Jan 30, 2009 - Jan 30, 2011

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PROGRAM CHANGE PERSONNEL DETAIL

Exhibit 14

Activity: Spectrum Management
Program Change: National and International Spectrum Reform

Personnel Title:			2002				Total
	Grade	Direct	Reimbursable	Annual Salary	Direct Salaries	Reimbursable Salaries	
Computer Specialist	GS 14		3.0	\$78,260		\$234,780	\$234,780
Telecommunications Policy Analyst	GS 14	1.0	1.0	\$78,260	78,260	78,260	\$156,520

Subtotal
Less lapse
Total full-time permanent
2003 Pay Adjustment

1	4	391,300
-0.25	-1	(97,825)
0.75	3	293,475
		7,630
		<u>301,106</u>

Personnel Data
Full-Time Equivalent Employment:
Full-time permanent
Other than full-time permanent
Total
Authorized Positions:
Full-time permanent
Other than full-time permanent
Total

1	3
0	0
1	3
1	4
0	0
1	4

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PROGRAM CHANGE DETAIL BY OBJECT CLASS
(Dollar amounts in thousands)

Activity: Spectrum Management		Total	
Program Change: National and International Spectrum Management Reform		2003	
Object Class	Direct Appropriation	Reimbursable	Increase
11 Personnel compensation			
11.1 Full-time permanent	60	241	301
11.3 Other than full-time permanent			
11.5 Other personnel compensation			
11.9 Total personnel compensation	60	241	301
12.1 Civilian personnel Benefits	16	48	64
21 Travel and transportation of persons	5	0	5
22 Transportation of things	0	0	0
23.1 Rental payments to GSA	6	24	30
23.2 Rental payments to others	0	0	0
23.3 Communications, utilities and misc charges	2	10	12
24 Printing and reproduction	1	6	7
25.1 Consulting Services	0	0	0
25.2 Other Services	180	766	946
25.3 Purchase of goods & services from Gov't accounts	6	6	12
25.7 Operation and maintenance of equipment	1	6	7
26 Supplies and materials	1	5	6
31 Equipment	7	28	35
99 Total obligations	285	1,140	1,425